**CS 360 Project One Milestone**

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For this project, I chose to work on an inventoryapp for Mobile2App's client. The main goal of the app is to help keep track of the items in a warehouse. It’s designed for warehouse managers and staff, making it easier for them to stay on top of the inventory and make sure everything’s in order. The app will need some essential features like a login screen, a grid to show all the inventory items, and ways to add or remove items. There will also be a notification system to let users know when an item runs out or gets too low, so they’re always aware of their stock levels.

The purpose of the app is to make managing inventory easier and more organized. To do this, the app will need a few key features, like a secure login screen, a grid that shows all the inventory items, and a way to add, remove, or change the quantity of items. These features will make it simple for users to manage their inventory in a quick and efficient way. Plus, the notifications will alert them if any items are running low, helping them keep track of everything.

In terms of design, the app needs to be simple and easy to use. When users first open the app, they’ll either log in or create an account if they don’t have one yet. Once they’re logged in, they’ll see a grid of inventory items with details like the name of the item and how many are in stock. There will be options to add new items, remove old ones, or adjust the quantities. For example, if an item reaches zero stock, the app will send a notification to remind users to restock. This will help them stay on top of inventory and keep everything running smoothly.

To see how this app compares to others, I checked out two similar apps: InventoryTracker and Sortly. InventoryTracker is a basic app that’s good for personal use or small businesses. It lets users add and remove items, and it has a barcode scanner, which is handy. But it doesn’t have any notifications to alert users when stock is low. On the other hand, Sortly is more geared towards businesses and offers more features, like tracking items by location and generating reports. It’s definitely more advanced, but for smaller warehouses, it might be a little too much. The inventory app I’m designing will take the best of both: the simplicity of InventoryTracker with the helpful features of Sortly, like the stock notifications.

The app will be used by three main groups: warehousemanagers, warehousestaff, and suppliers. Warehouse managers will use the app to keep track of overall stock levels and make sure everything is in stock when it’s needed. Warehouse staff will use the app to update the inventory as they add or remove items. Suppliers will also use it to check stock levels and know when to send more products. Depending on their role, these users will engage with the app at different times during their day. Warehouse managers might check it in the morning and at the end of the day, while warehouse staff will use it more frequently to update quantities. The app fits into their workday by helping them stay organized, and they’ll probably use it for a few minutes at a time whenever they need to check or update the inventory.

In the end, this inventory app will help everyone in the warehouse stay on top of stock and manage inventory easily. With simple features, real-time updates, and helpful notifications, it’ll make the whole process a lot more efficient and keep things running smoothly.